RENESAS TECHNICAL UPDATE

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| Product Category | MPU/MCU | Document No. | TN-SH7-A909A/E | Rev. | 1.00 | |
|-----------------------|--|--|------------------------|------------------------|-------|--|
| Title | SH7260 series enhancement in peripheral (IEB & RCAN-TL1) and status change of reproduct code | Information Category | Technical Notification | | | |
| Applicable Product | Described in following table | Lot No. All, after November 2016 shipment | Reference Document | Described in following | table | |

[Applicable Products and Reference Documents]

| Series | Group | Reference Document | Rev. | Document Number |
|--------|--|--|------|-----------------|
| SH7260 | SH7263 | SH7263 Group User's Manual: Hardware | 4.00 | R01UH0459EJ0400 |
| | SH7262, SH7264 SH7264 Group User's Manual: Hardware | | 4.00 | R01UH0134EJ0400 |
| | SH7266, SH7267 | SH7266 Group, SH7267 Group User's Manual: Hardware | 2.00 | R01UH0412EJ0200 |
| | SH7268, SH7269 | SH7268 Group, SH7269 Group User's Manual: Hardware | 2.00 | R01UH0048EJ0200 |
| | SH726A, SH726B | SH726A, SH726B SH726A Group, SH726B Group User's Manual: Hardware | | R01UH0202EJ0200 |

[Enhancement in peripheral functions (IEB & RCAN-TL1) and Status Change of related product codes*]

In the Applicable Products, dedicated peripheral functions (IEB & RCAN-TL1) are newly included in the combination of the peripheral functions of the existing product code.

The combination of the peripheral functions is expressed by product code variation. This enhancement result in multiple product code with same combination of peripheral functions. One product code will be assigned status as "recommended" and the other(s) will be assigned status as "not recommended for new project launch". The User's Manual: Hardware describes this status and alternative (recommended) product code, when revised.

The status "not recommended for new project launch" doesn't affect to production process. The products can be ordered and shipped continuously. It isn't mandatory to change to "recommended" product code from "not recommended" one in existing project. But, in long term, "recommended" product will have more benefit because of larger production volume.

* The Applicable Products are listed up as Standard Ordering Part Number in the appendix.

[Enhanced peripheral functions]

Followings are fully included in the combination of peripheral functions of the Applicable Products.

- 1) IEBus™ Controller (IEB)
- 2) Controller Area Network (RCAN-TL1)

[Difference between alternative (recommended) product in Hardware/Software/Characteristics/Quality]

In this enhancement, modification of the external circuit and software are NOT needed, even if the dedicated peripheral function is changed to "included". The characteristics and the quality are also kept same.

When changing to the alternative (recommended) product the situation is same.



[1] SH7263 Group

(1) Before revision

| | Product Classification | Product Code | IEB | SDHI | Package |
|--------|------------------------|----------------|--------------|---------------------|---------------------|
| SH7263 | R5S72630P200FP | Not included | Not included | | |
| | CU7262 | R5S72631P200FP | Not included | Included | — —QFP3232-240Cu |
| | R5S72632P200FP | Included | Not included | —QFF3232-240Cu — | |
| | R5S72633P200FP | Included | Included | | |

(2) After revision

| Product Classification | Product Code | IEB | SDHI | Package |
|---------------------------|----------------|----------|--------------|---------------------|
| | R5S72630P200FP | Included | Not included | _ |
| SH7263 | R5S72631P200FP | Included | included | — —QFP3232-240Cu |
| SH/203 | R5S72632P200FP | | Not included | -QFF3232-240Cu |
| | R5S72633P200FP | Included | Included | |

| New project launch | Alternative Product |
|--------------------|---------------------|
| recommended | - |
| recommended | - |
| Not recommended | R5S72630P200FP |
| Not recommended | R5S72631P200FP |

[2] SH7262 Group, SH7264 Group

(1) Before revision

| Product Classification | Product Code | | IEBus Controller | Controller Area Network | Operating Temperature | Package |
|------------------------|-----------------|-------|---------------------|----------------------------|------------------------------------|---------|
| | R5S72620W144FPU | _ | Not included | Not included | - Dogulor | |
| | R5S72621W144FPU | _ | Not included | Included | Regular specifications | |
| | R5S72622W144FPU | _ | Included | Not included | - (-20 to +85 °C) | |
| | R5S72623W144FPU | 1 M | Included | Included | -(-20 to +05 C) | _ |
| | R5S72620P144FPU | byte | Not included | Not included | - Mida ranga | |
| | R5S72621P144FPU | _ | Not included | Included | - Wide-range - specifications | |
| | R5S72622P144FPU | _ | Included | Not included | - (-40 to +85 °C) | |
| SH7262 | R5S72623P144FPU | | Included | Included | (-40 to +05 C) | 176-pin |
| Group | R5S72624W144FPU | _ | Not included | Not included | - Dogular | QFP |
| | R5S72625W144FPU | _ | Not included | Included | Regular specifications | |
| | R5S72626W144FPU | _ | Included | Not included | - (-20 to +85 °C) | - |
| | R5S72627W144FPU | 640 K | Included | Included | -(-20 to +05 C) | |
| | R5S72624P144FPU | byte | Not included | Not included | - Mida ranga | |
| | R5S72625P144FPU | _ | Not included | Included | - Wide-range - specifications | |
| | R5S72626P144FPU | _ | Included | Not included | - (-40 to +85 °C) | |
| | R5S72627P144FPU | | Included | Included | (-40 to +05 C) | |
| | R5S72640W144FPU | _ | Not included | Not included | - Dogulor | _ |
| | R5S72641W144FPU | _ | Not included | Included | Regular specifications | |
| | R5S72642W144FPU | _ | Included | Not included | - (-20 to +85 °C) | |
| | R5S72643W144FPU | 1 M | Included | Included | -(-20 to +05 C) | |
| | R5S72640P144FPU | byte | Not included | Not included | Mida nanan | |
| | R5S72641P144FPU | _ | Not included | Included | - Wide-range - specifications | |
| | R5S72642P144FPU | _ | Included | Not included | - (-40 to +85 °C) | |
| SH7264 | R5S72643P144FPU | | Included | Included | -(-40 to +65 C) | 208-pin |
| Group | R5S72644W144FPU | | Included | Not included | Damilan | QFP |
| | R5S72645W144FPU | _ | Not included | Included | Regular | |
| | R5S72646W144FPU | _ | Included | Not included | specifications -(-20 to +85 °C) | |
| | R5S72647W144FPU | 640 K | Included | Included | -(-20 t0 +65 C) | |
| | R5S72644P144FPU | byte | Not included | Not included | Mida nanan | _ |
| | R5S72645P144FPU | _ | Not included | Included | - Wide-range | |
| | R5S72646P144FPU | _ | Included | Not included | - specifications | |
| | R5S72647P144FPU | _ | Included | Included | -(-40 to +85 °C) | |
| | | | | | | |

| Product Classification | Product Code | | IEBus Controller | Controller Area Network | Operating Temperature | Package | New project launch | Alternative Product |
|---------------------------|-----------------|--------|---------------------|----------------------------|---|----------|--------------------|---------------------|
| | R5S72620W144FPU | | Included | Included | - ' | | recommended | - |
| | R5S72621W144FPU | _ | Not included | Included | Regular | | Not recommended | R5S72620W144FPU |
| | R5S72622W144FPU | | Included | Not included | specifications (-20 to +85 °C) | | Not recommended | R5S72620W144FPU |
| | R5S72623W144FPU | 1 M | Included | Included | (-20 to +65 C) | | Not recommended | R5S72620W144FPU |
| | R5S72620P144FPU | byte | Not included | Not included | \\/:da ===== | _ | Not recommended | R5S72621P144FPU |
| | R5S72621P144FPU | | Included | Included | Wide-range specifications | | recommended | - |
| | R5S72622P144FPU | | Included | Not included | (-40 to +85 °C) | | Not recommended | R5S72621P144FPU |
| SH7262 | R5S72623P144FPU | | Included | Included | (-40 to +65 C) | _176-pin | Not recommended | R5S72621P144FPU |
| Group | R5S72624W144FPU | _ | Included | Included | Regular | QFP | recommended | - |
| | R5S72625W144FPU | _ | Not included | Included | specifications | | Not recommended | R5S72624W144FPL |
| | R5S72626W144FPU | _ | Included | Not included | - (-20 to +85 °C) | | Not recommended | R5S72624W144FPL |
| | R5S72627W144FPU | _640 K | Included | Included | (2010:00:0) | _ | Not recommended | R5S72624W144FPL |
| | R5S72624P144FPU | byte | Not included | Not included | − Wide-range − specifications − (-40 to +85 °C) | | Not recommended | R5S72625P144FPL |
| | R5S72625P144FPU | _ | Included | Included | | | recommended | - |
| | R5S72626P144FPU | | Included | Not included | | | Not recommended | R5S72625P144FPL |
| | R5S72627P144FPU | | Included | Included | (+0 10 100 0) | | Not recommended | R5S72625P144FPU |
| | R5S72640W144FPU | _ | Included | Included | Regular | | recommended | - |
| | R5S72641W144FPU | _ | Not included | Included | - specifications | | Not recommended | R5S72640W144FP |
| | R5S72642W144FPU | _ | Included | Not included | (-20 to +85 °C) | | Not recommended | R5S72640W144FP |
| | R5S72643W144FPU | _1 M | Included | Included | (2010:00:0) | _ | Not recommended | R5S72640W144FP |
| | R5S72640P144FPU | byte | Not included | Not included | Wide-range | | Not recommended | R5S72641P144FPL |
| | R5S72641P144FPU | _ | Included | Included | - specifications | | recommended | - |
| | R5S72642P144FPU | _ | Included | Not included | (-40 to +85 °C) | | Not recommended | R5S72641P144FPL |
| SH7264 | R5S72643P144FPU | | Included | Included | (+0 10 100 0) | 208-pin | Not recommended | R5S72641P144FPL |
| Group | R5S72644W144FPU | _ | Included | Included | Regular | QFP | recommended | - |
| | R5S72645W144FPU | _ | Not included | Included | specifications | | Not recommended | R5S72644W144FPI |
| | R5S72646W144FPU | _ | Included | Not included | -(-20 to +85 °C) | | Not recommended | R5S72644W144FPI |
| | R5S72647W144FPU | _640 K | Included | Included | (2010:00:0) | _ | Not recommended | R5S72644W144FPL |
| | R5S72644P144FPU | byte | Not included | Not included | Wide-range | | Not recommended | R5S72645P144FPL |
| | R5S72645P144FPU | _ | Included | Included | specifications | | recommended | - |
| | R5S72646P144FPU | _ | Included | Not included | -(-40 to +85 °C) | | Not recommended | R5S72645P144FPL |
| | R5S72647P144FPU | | Included | Included | - (-40 to +85 °C) | | Not recommended | R5S72645P144FPU |

[3] SH7266 Group, SH7267 Group

(1) Before revision

| Product Classification | Product Code | Controller Area Network | Operating Temperature | Package | |
|------------------------|----------------|----------------------------|---------------------------|-----------------|--|
| | R5S72660W144FP | Not included | Regular specifications | | |
| SH7266 | R5S72661W144FP | Included | (-20 to +85°C) | _144-pin QFP | |
| Group | R5S72660P144FP | Not included | Wide-range specifications | | |
| | R5S72661P144FP | Included | (-40 to +85°C) | | |
| | R5S72670W144FP | Not included | Regular specifications | 176-pin QFP | |
| SH7267 | R5S72671W144FP | Included | (-20 to +85°C) | | |
| Group | R5S72670P144FP | Not included | Wide-range specifications | | |
| | R5S72671P144FP | Included | (-40 to +85°C) | | |

(2) After revision

| Product Classification | Product Code | Controller Area Network | Operating Temperature | Package | New project launch | Alternative Product |
|------------------------|----------------|----------------------------|--|---------|--------------------|---------------------|
| | R5S72660W144FP | Included | Regular specifications | | recommended | - |
| SH7266 | R5S72661W144FP | Included | (-20 to +85°C) | 144-pin | Not recommended | R5S72660W144FP |
| Group | R5S72660P144FP | Not included | Wide-range specifications | QFP | Not recommended | R5S72661P144FP |
| | R5S72661P144FP | Included | (-40 to +85°C) | | recommended | - |
| | R5S72670W144FP | Included | Regular specifications (-20 to +85°C) | 176-pin | recommended | - |
| SH7267 | R5S72671W144FP | Included | | | Not recommended | R5S72670W144FP |
| Group | R5S72670P144FP | Not included | Wide-range specifications | QFP | Not recommended | R5S72671P144FP |
| <u>-</u> | R5S72671P144FP | Included | (-40 to +85°C) | | recommended | - |

[4] SH7268 Group, SH7269 Group

(1) Before revision

| Product Classification | Product Code | Controller Area Network | Operating Temperature | Package | |
|------------------------|----------------|----------------------------|---------------------------|-----------------|--|
| | R5S72680W266FP | Not included | Regular specifications | | |
| SH7268 | R5S72681W266FP | Included | (-20 to +85°C) | _208-pin QFP | |
| Group | R5S72680P266FP | Not included | Wide-range specifications | | |
| | R5S72681P266FP | Included | (-40 to +85°C) | | |
| | R5S72690W266FP | Not included | Regular specifications | | |
| | R5S72691W266FP | Included | (-20 to +85°C) | _256-pin QFP | |
| | R5S72690P266FP | Not included | Wide-range specifications | | |
| SH7269 | R5S72691P266FP | Included | (-40 to +85°C) | | |
| Group | R5S72690W266BG | Not included | Regular specifications | | |
| | R5S72691W266BG | Included | (-20 to +85°C) | 272-pin | |
| • | R5S72690P266BG | Not included | Wide-range specifications | BGA | |
| • | R5S72691P266BG | Included | (-40 to +85°C) | | |

(2) After revision

| Product Classification | Product Code | Controller Area Network | Operating Temperature | Package | New project launch | Alternative Product |
|---------------------------|----------------|----------------------------|-----------------------------|-----------------|--------------------|---------------------|
| | R5S72680W266FP | Included | Regular specifications | | recommended | - |
| SH7268 | R5S72681W266FP | Included | (-20 to +85°C) | 208-pin | Not recommended | R5S72680W266FP |
| Group | R5S72680P266FP | Not included | Wide-range specifications (| QFP | Not recommended | R5S72681P266FP |
| | R5S72681P266FP | Included | (-40 to +85°C) | | recommended | - |
| | R5S72690W266FP | Included | Regular specifications | | recommended | - |
| | R5S72691W266FP | Included | (-20 to +85°C) | _256-pin QFP | Not recommended | R5S72690W266FP |
| | R5S72690P266FP | Not included | Wide-range specifications | | Not recommended | R5S72691P266FP |
| SH7269 | R5S72691P266FP | Included | (-40 to +85°C) | | recommended | - |
| Group | R5S72690W266BG | Included | Regular specifications | | recommended | - |
| • | R5S72691W266BG | Included | (-20 to +85°C) | 272-pin | Not recommended | R5S72690W266BG |
| • | R5S72690P266BG | Not included | Wide-range specifications | BGA | Not recommended | R5S72691P266BG |
| - | R5S72691P266BG | Included | (-40 to +85°C) | | recommended | - |

[5] SH726A Group, SH726B Group

(1) Before revision

| Product Classification | Product Code | Controller Area Network | Operating Temperature | Quality Level | Package |
|------------------------|----------------|----------------------------|--------------------------|---------------------|------------------|
| | R5S726A0D216FP | -Not included | | Industry usage etc. | PLQP0120KA-A |
| | R5S726A0P216FP | -Not included | _ | Car Accessories | (120-pin LQFP, |
| | R5S726A1D216FP | -Included | • | Industry usage etc. | 16-mm square, |
| SH726A | R5S726A1P216FP | - included | _ | Car Accessories | 0.5-mm pitch) |
| Group | R5S726A2D216FP | -Not included | -40 to +85°C | Industry usage etc. | PLQP0120LA-A |
| | R5S726A2P216FP | - Not included | | Car Accessories | (120-pin LQFP, |
| | R5S726A3D216FP | -Included | | Industry usage etc. | 14-mm square, |
| | R5S726A3P216FP | -IIICiuueu | _ | Car Accessories | 0.4-mm pitch) |
| | R5S726B0D216FP | -Not included | | Industry usage etc. | PLQP0144KA-A |
| SH726B Group | R5S726B0P216FP | Not included | _ | Car Accessories | _ (144-pin LQFP, |
| | R5S726B1D216FP | -Included | • | Industry usage etc. | _ 20-mm square, |
| | R5S726B1P216FP | IIICIUUEU | | Car Accessories | 0.5-mm pitch) |

(2) After revision

| Product Classification | Product Code | Controller Area Network | Operating Temperature | Quality Level | Package | New project launch | Alternative Product |
|---------------------------|----------------|----------------------------|--|---------------------|--|--------------------|---------------------|
| | R5S726A0D216FP | Included | Not included Included Included Not included -40 to +85°C Included Included | Industry usage etc. | PLQP0120KA-A (120-pin LQFP, 16-mm square, 0.5-mm pitch) PLQP0120LA-A (120-pin LQFP, 14-mm square, 0.4-mm pitch) PLQP0144KA-A (144-pin LQFP, 20-mm square, 0.5-mm pitch) | recommended | - |
| | R5S726A0P216FP | Not included | | Car Accessories | | Not recommended | R5S726A1P216FP |
| | R5S726A1D216FP | -Included | | Industry usage etc. | | Not recommended | R5S726A0D216FP |
| SH726A | R5S726A1P216FP | -IIICiuueu | | Car Accessories | | recommended | - |
| Group | R5S726A2D216FP | Included | | Industry usage etc. | | recommended | - |
| | R5S726A2P216FP | Not included | | Car Accessories | | Not recommended | R5S726A3P216FP |
| | R5S726A3D216FP | -Included | | Industry usage etc. | | Not recommended | R5S726A2D216FP |
| | R5S726A3P216FP | | | Car Accessories | | recommended | - |
| SH726B Group | R5S726B0D216FP | Included | | Industry usage etc. | | recommended | - |
| | R5S726B0P216FP | Not included | | Car Accessories | | Not recommended | R5S726B1P216FP |
| | R5S726B1D216FP | -Included | | Industry usage etc. | | Not recommended | R5S726B0D216FP |
| | R5S726B1P216FP | - included | | Car Accessories | | recommended | - |

End of Document

[Appendix] The Standard Ordering Part Number of the Applicable Products (before revision)

(1) SH7263 Group

| Product Classification | Product Code | Standard Ordering Part Number | IEB | SDHI | Package |
|------------------------|----------------|-------------------------------|--------------|--------------|----------------------|
| SH7263 | R5S72630P200FP | Same as Product Code | Not included | Not included | <u></u> |
| | R5S72631P200FP | Same as Product Code | Not included | Included | — — QFP3232-240Cu |
| | R5S72632P200FP | Same as Product Code | Included | Not included | -QFF3232-240Gu |
| | R5S72633P200FP | Same as Product Code | Included | Included | |

(2) SH7262 Group, SH7264 Group

| Product Classification | Product Code | Standard Ordering Part Number | | IEBus Controller | Controller Area Network | Operating Temperature | Package |
|------------------------|-----------------|-------------------------------|-------|---------------------|----------------------------|---|-----------------|
| | R5S72620W144FPU | R5S72620W144FP#U0 | | Not included | Not included | Dogular | _ |
| | R5S72621W144FPU | R5S72621W144FP#U0 | _ | Not included | Included | -Regular | |
| | R5S72622W144FPU | R5S72622W144FP#U0 | _ | Included | Not included | specifications (-20 to +85 °C) | |
| | R5S72623W144FPU | R5S72623W144FP#U0 | 1 M | Included | Included | -(-20 to +05 °C) | |
| | R5S72620P144FPU | R5S72620P144FP#UZ | _byte | Not included | Not included | - Wide-range | |
| | R5S72621P144FPU | R5S72621P144FP#UZ | | Not included | Included | | |
| | R5S72622P144FPU | R5S72622P144FP#UZ | | Included | Not included | specifications -(-40 to +85 °C) | |
| SH7262 | R5S72623P144FPU | R5S72623P144FP#UZ | _ | Included | Included | -(-40 to +65 °C) | 176-pin |
| Group | R5S72624W144FPU | R5S72624W144FP#U0 | | Not included | Not included | Regular - specifications - (-20 to +85 °C) | QFP - |
| | R5S72625W144FPU | R5S72625W144FP#U0 | _ | Not included | Included | | |
| | R5S72626W144FPU | R5S72626W144FP#U0 | _ | Included | Not included | | |
| | R5S72627W144FPU | R5S72627W144FP#U0 | 640 K | Included | Included | | |
| | R5S72624P144FPU | R5S72624P144FP#UZ | byte | Not included | Not included | - Wide-range - specifications - (-40 to +85 °C) | |
| | R5S72625P144FPU | R5S72625P144FP#UZ | - | Not included | Included | | |
| | R5S72626P144FPU | R5S72626P144FP#UZ | _ | Included | Not included | | |
| | R5S72627P144FPU | R5S72627P144FP#UZ | _ | Included | Included | -(-40 t0 +65 C) | |
| | R5S72640W144FPU | R5S72640W144FP#U0 | | Not included | Not included | Regular specifications (-20 to +85 °C) | 208-pin _QFP |
| | R5S72641W144FPU | R5S72641W144FP#U0 | _ | Not included | Included | | |
| | R5S72642W144FPU | R5S72642W144FP#U0 | =' | Included | Not included | | |
| | R5S72643W144FPU | R5S72643W144FP#U0 | 1 M | Included | Included | | |
| | R5S72640P144FPU | R5S72640P144FP#UZ | byte | Not included | Not included | − Wide-range − specifications − (-40 to +85 °C) | |
| | R5S72641P144FPU | R5S72641P144FP#UZ | - | Not included | Included | | |
| | R5S72642P144FPU | R5S72642P144FP#UZ | _ | Included | Not included | | |
| SH7264 | R5S72643P144FPU | R5S72643P144FP#UZ | _ | Included | Included | -(-40 t0 +65 C) | |
| Group | R5S72644W144FPU | R5S72644W144FP#U0 | | Included | Not included | Б | |
| | R5S72645W144FPU | R5S72645W144FP#U0 | _ | Not included | Included | Regular - specifications - (-20 to +85 °C) | |
| | R5S72646W144FPU | R5S72646W144FP#U0 | _ | Included | Not included | | |
| | R5S72647W144FPU | R5S72647W144FP#U0 | 640 K | Included | Included | | |
| | R5S72644P144FPU | R5S72644P144FP#UZ | byte | Not included | Not included | | |
| | R5S72645P144FPU | R5S72645P144FP#UZ | - 1 | Not included | Included | -Wide-range | |
| | | | _ | | | specifications | |
| | R5S72646P144FPU | R5S72646P144FP#UZ | | Included | Not included | -(-40 to +85 °C) | |

(3) SH7266 Group, SH7267 Group

| • • | • | • | | | |
|---------------------------|------------------------------------|---|----------------------------|---------------------------|-----------------|
| Product Classification | Product Code | Standard Ordering Part Number | Controller Area Network | Operating Temperature | Package |
| | R5S72660W144FP | R5S72660W144FP#V0 | Not included | Regular specifications | |
| SH7266 | R5S72661W144FP R5S72661W144FP#V0 I | | Included | (-20 to +85°C) | _144-pin QFP |
| Group | R5S72660P144FP R5S72660P144FP#VZ | | Not included | Wide-range specifications | |
| | R5S72661P144FP | 144FP R5S72661P144FP#VZ Included | | (-40 to +85°C) | |
| | R5S72670W144FP | R5S72670W144FP#V0 | Not included | Regular specifications | |
| SH7267 | R5S72671W144FP | R5S72671W144FP#V0 | Included | (-20 to +85°C) | _176-pin QFP |
| Group | R5S72670P144FP | R5S72670P144FP#VZ | Not included | Wide-range specifications | |
| | R5S72671P144FP R5S72671P144FP#VZ | | Included | (-40 to +85°C) | |
| | | | | | |

(4) SH7268 Group, SH7269 Group

| Product Classification | Product Code | Standard Ordering Part Number | Controller Area Network | Operating Temperature | Package |
|------------------------|--|-------------------------------|----------------------------|---------------------------|---------------------------|
| • | R5S72680W266FP | W266FP R5S72680W266FP#V0 | | Regular specifications | |
| SH7268 | R5S72681W266FP | R5S72681W266FP#V0 | Included (-20 to +85°C) | | 208-pin |
| Group | R5S72680P266FP | R5S72680P266FP#VZ | Not included | Wide-range specifications | QFP |
| | R5S72681P266FP R5S72681P266FP#VZ | | Included | (-40 to +85°C) | |
| | R5S72690W266FP | R5S72690W266FP#V0 | Not included | Regular specifications | 256-pin QFP 272-pin |
| | R5S72691W266FP | R5S72691W266FP#V0 | Included | (-20 to +85°C) | |
| | R5S72690P266FP | R5S72690P266FP#VZ | Not included | Wide-range specifications | |
| SH7269 | R5S72691P266FP | R5S72691P266FP#VZ | Included | (-40 to +85°C) | |
| Group | R5S72690W266BG | R5S72690W266BG#U0 | Not included | Regular specifications | |
| | R5S72691W266BG | R5S72691W266BG#U0 | Included | (-20 to +85°C) | |
| | R5S72690P266BG R5S72690P266BG#UZ R5S72691P266BG R5S72691P266BG#UZ | | Not included | Wide-range specifications | BGA |
| | | | Included | (-40 to +85°C) | |

(5) SH726A Group, SH726B Group

| Product Classification | Product Code | Standard Ordering Part Number | Controller Area Network | Operating Temperature | Quality Level | Package |
|------------------------|----------------|-------------------------------|----------------------------|--------------------------|---------------------|--|
| | R5S726A0D216FP | R5S726A0D216FP#V0 | - Not included - | | Industry usage etc. | PLQP0120KA-A |
| | R5S726A0P216FP | R5S726A0P216FP#VZ | - Not included | - 40 to +85°C - | Car Accessories | - - (120-pin LQFP, 16-mm square, 0.5-mm pitch) |
| | R5S726A1D216FP | R5S726A1D216FP#V0 | - Included | | Industry usage etc. | |
| SH726A | R5S726A1P216FP | R5S726A1P216FP#VZ | - Included | | Car Accessories | |
| Group | R5S726A2D216FP | R5S726A2D216FP#V0 | -Not included | | Industry usage etc. | PLQP0120LA-A |
| | R5S726A2P216FP | R5S726A2P216FP#VZ | - Not included | | Car Accessories | (120-pin LQFP,14-mm square,0.4-mm pitch) |
| | R5S726A3D216FP | R5S726A3D216FP#V0 | -Included | | Industry usage etc. | |
| | R5S726A3P216FP | R5S726A3P216FP#VZ | - Included | | Car Accessories | |
| | R5S726B0D216FP | R5S726B0D216FP#V0 | -Not included | | Industry usage etc. | PLQP0144KA-A |
| SH726B Group | R5S726B0P216FP | R5S726B0P216FP#VZ | - Not included | | Car Accessories | – – (144-pin LQFP, |
| | R5S726B1D216FP | R5S726B1D216FP#V0 | Included | | Industry usage etc. | 20-mm square, |
| | R5S726B1P216FP | R5S726B1P216FP#VZ | -Included | | Car Accessories | 0.5-mm pitch) |